

INTERNATIONAL SEARCH REPORT

 International application No.
PCT/SG03/00259
A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: **A61C 7/28**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

AU IPC A61C 7/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI IPC A61C and Keywords (orthodont, brac, wir, channel slot groove recess insert receiv, clip clamp jaw)**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 97-551246/51, Class A96, D21 DE 19618364 A1 (BERNHARD FOERSTER GMBH) 13 November 1997	1-4, 6, 10-15
X	US 5356289 A (WATANABE) 18 October 1994 whole document	1-4, 6, 10-15
X	US 5271733 A (CHIKAMI et al) 21 December 1993 whole document	1-4, 6, 10-15



Further documents are listed in the continuation of Box C



See patent family annex

* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed		"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family
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Date of the actual completion of the international search

12 December 2003

Date of mailing of the international search report

8 JAN 2004

Name and mailing address of the ISA/AU

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5174754 A (MERITT) 29 December 1992 whole document	1-4, 6, 10-15
X	US 4936774 A (STOLLER et al) 26 June 1990 whole document	1-4, 6, 10-15
X	US 3964165 A (STAHL) 22 June 1976 column 4, lines 9-28 Figs. 3, 4	1-4, 6, 10-15
X	US 3464112 A (SILVERMAN et al) 2 September 1969 whole document	1-4, 6, 10-15
X	US 3327393 A (BRADER) 27 June 1967 whole document	1-4, 6, 10-15
A	US 5238403 A (SCHUDY) 24 August 1993 column 3, line 50 to column 4, line 27 Figs. 2-4	
A	US 5174753 A (WOOL) 29 December 1992 whole document	
A	US 4793804 A (SCHUDY) 27 December 1988 column 3, line 55 to column 4, line 17 Figs. 4, 5	
A	US 3084437 A (NEGER) 9 April 1963 whole document	

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Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos :
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☒ Claims Nos : 5, 7-9
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
It is not understood how a second part comprising an enlarged portion may have a second dimension substantially greater than a first dimension adapted to receive an archwire as this appears contradictory to the purpose of providing an orthodontic appliance with a design which is able to accept an orthodontic archwire which does not require the separate step of ligation.
3. ☐ Claims Nos :
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)

Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report			Patent Family Member		
DE	19618364	NONE			
US	5356289	NONE			
US	5271733	JP 4212345	JP 5269147	JP 5269148	
		US 5474447	US 5622495		
US	5174754	NONE			
US	4936774	US 4799883			
US	3964165	NONE			
US	3464112	CH 463014	GB 1194426	US 3464113	
US	3327393	NONE			
US	5238403	NONE			
US	5174753	NONE			
US	4793804	NONE			
US	3084437	NONE			
END OF ANNEX					